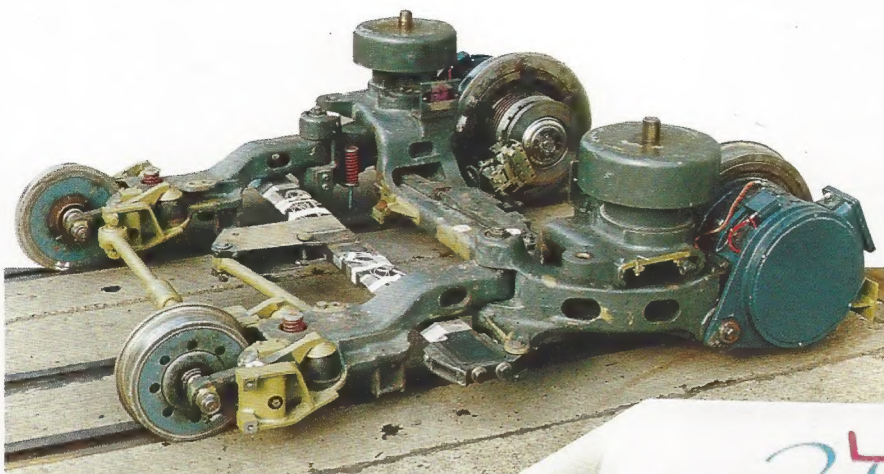


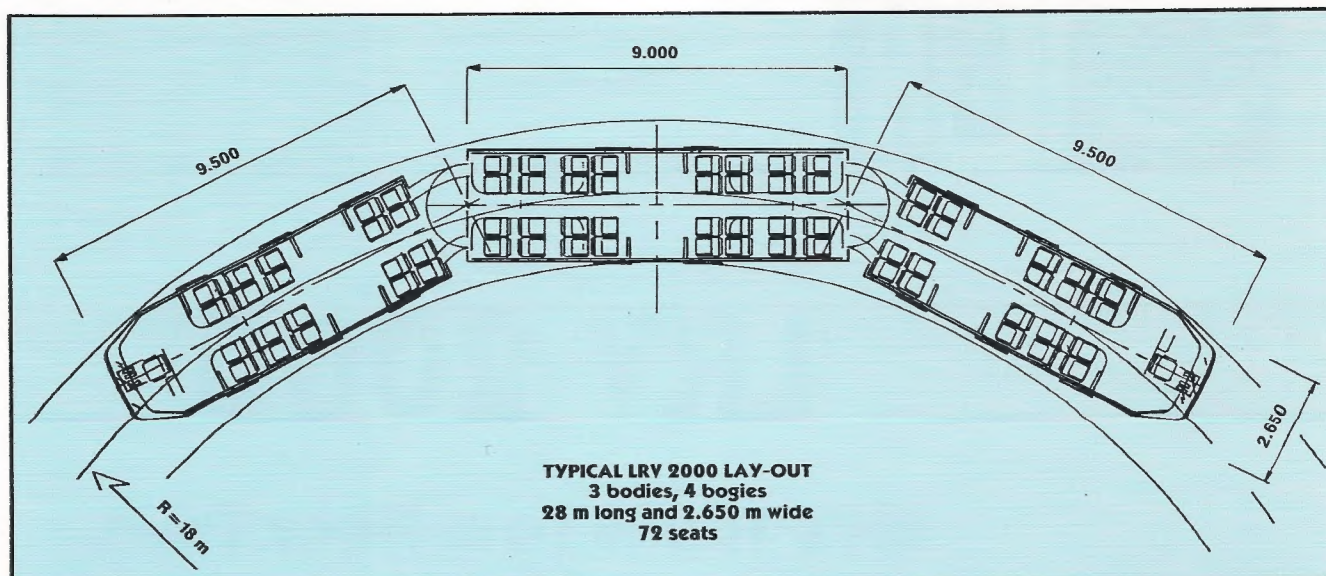


FORMERLY LA BRUGEOISE ET NIVELLES - BELGIUM

LRV 2000

BN's 100% Low-Floor Tram.





General data

Track gauge	1 to 1.435 m
Length	18 m (2 bodies) to 42 m (4 bodies)
Width	2.2 m to 2.7 m
Height	3.300 m
Floor height	350 mm (constant)
Wheel diameter	640/400 mm
Axle load (max.)	10.5 t.

A real low floor (350 mm high) over the full vehicle length

- Constant 350 mm floor height even at the bogie location
- No internal steps
- No internal ramps
- Seats directly on the floor without platform

Low operating costs

- Low weight, reduced energy consumption
- Corrosion-free materials
- Fully sealed traction motor
- Easily repairable body
- Reduced rail and wheel wear

A modular design accorded to the customer's requirement

- Length, width, clearance easily adaptable to each network
- Lay-out and seat arrangements compliant with each specific operating requirements
- Flexible bodyshell structure achieved by bolted aluminium structure and bonded lining.

Performances

Max. speed	70 km/h
Acceleration	1.25 m/s ²
Service brake	1.25 m/s ²
Emergency brake	3 m/s ²
Minimum track radius	12 m

A.C. drive

- GTO controlled AC drive
- Watercooled wheel motor
- Fully regenerative or rheostatic electrical service brake

Articulated bogie

- Articulated frame allowing each wheel to be tangent to the rail
- Low noise-emission level
- Excellent dynamic stability
- Independent wheels driven by AC motor placed inside the wheel
- High comfort level provided by rubber primary and air spring secondary suspension

